

DECLARATION
AND POWER OF ATTORNEY

ENNIE & EDMONDS DOCKET NO.

87-005

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

**ISOLATION AND PRESERVATION OF FETAL AND NEONATAL HEMATOPOIETIC STEM
AND PROGENITOR CELLS OF THE BLOOD**

the specification of which:

is attached hereto was filed on as Application Serial No.
(for declaration not accompanying application)

with amendment(s) filed
(If applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/§ 172 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119/172
			YES ____ NO ____
			YES ____ NO ____
			YES ____ NO ____
			YES ____ NO ____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
119,746	November 12, 1987		X	

POWER OF ATTORNEY: As a named inventor, I hereby appoint Frank F. Scheck (Reg. No. 17761), S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Francis E. Morris (Reg. No. 24615), Joseph J. Catanzaro (Reg. No. 25837), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), and James N. Palik (Reg. No. 25510), whose address is Pennie & Edmonds, 1155 Avenue of the Americas, New York, New York 10036, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SEND CORRESPONDENCE TO: PENNIE & EDMONDS 1155 AVENUE OF THE AMERICAS NEW YORK, N.Y. 10036				DIRECT TELEPHONE CALLS TO: PENNIE & EDMONDS (212) 790-9090	
201	FULL NAME OF INVENTOR	LAST NAME BOYSE	FIRST NAME EDWARD	MIDDLE NAME A.	
	RESIDENCE & CITIZENSHIP	CITY New York	STATE OR FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 1275 York Avenue	CITY New York	STATE OR COUNTRY New York	ZIP CODE 10021
202	FULL NAME OF INVENTOR	LAST NAME BROXMEYER	FIRST NAME HAL	MIDDLE NAME E.	
	RESIDENCE & CITIZENSHIP	CITY Indianapolis	STATE OR FOREIGN COUNTRY Indiana	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 1210 Chessington Road	CITY Indianapolis	STATE OR COUNTRY Indiana	ZIP CODE 46260
203	FULL NAME OF INVENTOR	LAST NAME DOUGLAS	FIRST NAME GORDON	MIDDLE NAME W.	
	RESIDENCE & CITIZENSHIP	CITY New York	STATE OR FOREIGN COUNTRY New York	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS 50 Sutton Place South	CITY New York	STATE OR COUNTRY New York	ZIP CODE 10022
204	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE EDWARD A. BOYSE November , 1988	DATE HAL E. BROXMEYER November , 1988	DATE GORDON W. DOUGLAS November , 1988
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

DECLARATION
AND POWER OF ATTORNEY

HARRIS & EDMONDS DOCKET NO.

6287-005

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

ISOLATION AND PRESERVATION OF FETAL AND NEONATAL HEMATOPOIETIC STEM
AND PROGENITOR CELLS OF THE BLOOD

the specification of which:

 is attached hereto was filed on November 10, 1988 as Application Serial No. 269,926
(for declaration not accompanying application)

with amendment(s) filed

(If applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/§ 172 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

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APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. 119/172
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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119,746	November 12, 1987		X	

POWER OF ATTORNEY: As a named inventor, I hereby appoint Frank F. Scheck (Reg. No. 17761), S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Joseph V. Colaianni (Reg. No. 20019), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Francis E. Morris (Reg. No. 24615), Joseph J. Catanzaro (Reg. No. 25837), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), and James N. Palik (Reg. No. 25510), whose address is Pennie & Edmonds, 1155 Avenue of the Americas, New York, New York 10036, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

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1155 AVENUE OF THE AMERICAS
NEW YORK, N.Y. 10036DIRECT TELEPHONE CALLS TO:
PENNIE & EDMONDS
(212) 790-9090

201	FULL NAME OF INVENTOR	LAST NAME <u>BOYSE</u>	FIRST NAME <u>EDWARD</u>	MIDDLE NAME <u>A.</u>
	RESIDENCE & CITIZENSHIP	CITY <u>Tucson</u>	STATE OR FOREIGN COUNTRY <u>Arizona</u>	COUNTRY OF CITIZENSHIP <u>U.S.A.</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>5340 North Post Trail</u>	CITY <u>Tucson</u>	STATE OR COUNTRY <u>Arizona</u>
202	FULL NAME OF INVENTOR	LAST NAME <u>BROXMEYER</u>	FIRST NAME <u>HAL</u>	MIDDLE NAME <u>E.</u>
	RESIDENCE & CITIZENSHIP	CITY <u>Indianapolis</u>	STATE OR FOREIGN COUNTRY <u>Indiana</u>	COUNTRY OF CITIZENSHIP <u>U.S.A.</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>1210 Chessington Road</u>	CITY <u>Indianapolis</u>	STATE OR COUNTRY <u>Indiana</u>
203	FULL NAME OF INVENTOR	LAST NAME <u>DOUGLAS</u>	FIRST NAME <u>GORDON</u>	MIDDLE NAME <u>W.</u>
	RESIDENCE & CITIZENSHIP	CITY <u>New York</u>	STATE OR FOREIGN COUNTRY <u>New York</u>	COUNTRY OF CITIZENSHIP <u>U.S.A.</u>
	POST OFFICE ADDRESS	POST OFFICE ADDRESS <u>50 Sutton Place South</u>	CITY <u>New York</u>	STATE OR COUNTRY <u>New York</u>
204	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY
206	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE OR COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201 <i>Edward A. Boyse</i>	SIGNATURE OF INVENTOR 202 <i>Hal E. Broxmyer</i>	SIGNATURE OF INVENTOR 203 <i>Gordon W. Douglas</i>
DATE EDWARD A. BOYSE December 27, 1989	DATE HAL E. BROXMEYER February 1, 1989	DATE GORDON W. DOUGLAS January 30, 1989
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE